

Peak District National Park

Forecast valid from 06:00 on Sunday 29 Oct 2023 until 23:59 on Monday 30 Oct 2023

Forecast Issued on Sunday 29 Oct 2023 at 01:24

Confidence: High confidence for an unsettled spell of weather, lower confidence for detail of rainfall and strongest winds.

Headline for Sunday 29 Oct 2023: A good deal of dry weather through the day with sunny spells.

Mountain weather hazards on Sunday 29 Oct 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Heavy Rain
Precipitation probability					
20%	10%	10%	20%	20%	30%

Forecast for Sunday 29 Oct 2023

Weather: Mostly dry with some good sunny spells. Clouding over late evening with outbreaks of potentially heavy rain pushing north.

Chance of cloud-free hill tops above 600m: 30-40% at first, soon improving to 80-90%

Low cloud and visibility: Broken cloud base 400-600m at first, soon breaking up and lifting above summits. Visibility moderate in rain, otherwise good.

Forecast for Sunday 29 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 SW	17/23 SW	16/21 SW	16/21 SW	18/25 S	20/29 S	20/29 SW
300	14/23 SW	12/20 S	12/17 SW	13/18 S	13/21 S	16/25 S	16/25 S
Valley	7/20 SW	8/18 S	8/16 S	7/16 S	7/19 S	10/23 S	10/23 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/2	7/3	8/4	7/3	6/2	6/1
300	8/5	8/5	10/7	10/8	9/7	9/5	8/5
Valley	8/6	9/7	11/9	11/10	10/8	9/7	9/6
Freezing Level*	1500m	1500m	1500m	1500m	1500m	1600m	1600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 29 Oct 2023	N/A	N/A	N/A

Forecast for Monday 30 Oct 2023

Weather: Cloudy with a few outbreaks of mainly light rain overnight, becoming dry by morning with sunny spells. A few showers around later in the afternoon.

Maximum wind: Southerly 10-15 mph.

Chance of cloud-free hill tops above 600m: 40% improving to 80% by late morning.

Low cloud and visibility: Scattered or broken cloud base 500-700m during the morning, lifting and breaking by mid to late morning. Visibility generally good but moderate in rain or showers.

Temperature: **Valleys:** Plus 7 rising to 11 Celsius
At 600m: Plus 5 to 8 Celsius
Freezing level: Above summits